

CITY OF FAIRFIELD
RESOLUTION NO. 2018 - 12

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF FAIRFIELD AUTHORIZING
THE CITY MANAGER TO EXECUTE AMENDMENT NO.1 TO THE AGREEMENT
BETWEEN THE CITY OF FAIRFIELD AND KIMLEY-HORN & ASSOCIATES, INC.
FOR THE NEITZEL ROAD AND BUSINESS CENTER DRIVE TRAFFIC SIGNAL
IMPROVEMENTS PROJECT**

WHEREAS, on June 27, 2012, the City of Fairfield entered into an Agreement with Kimley-Horn & Associates, Inc. for design services for the Neitzel Road and Business Center Drive Traffic Signal Improvements Project; and

WHEREAS, Amendment No.1 will provide additional design services to update the plans, provide engineering during the bidding process and construction, and prepare signal timing plans and record drawings.

NOW THEREFORE, THE COUNCIL OF THE CITY OF FAIRFIELD HEREBY RESOLVES:

Section 1. The City Manager is hereby authorized and directed to execute on behalf of the City of Fairfield that certain Amendment No. 1 to the Agreement with Kimley-Horn and Associates, Inc. for the additional engineering services for the Neitzel Road and Business Center Drive Traffic Signal Project, for an amount not to exceed ten thousand dollars (\$23,130.00).

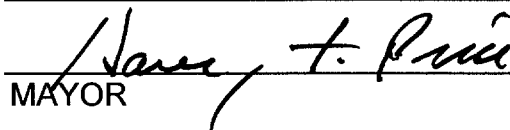
PASSED AND ADOPTED this 6th day of February 2018, by the following vote:

AYES: COUNCILMEMBERS: PRICE/TIMM/BERTANI/MOY/VACCARO

NOES: COUNCILMEMBERS: NONE

ABSENT: COUNCILMEMBERS: NONE

ABSTAIN: COUNCILMEMBERS: NONE


MAYOR

ATTEST:

CITY CLERK
pw

AMENDMENT NO. 1

TO THE AGREEMENT WITH KIMLEY-HORN & ASSOCIATES, INC., FOR THE DESIGN SERVICES FOR THE NETIZEL ROAD AND BUSINESS CENTER DRIVE TRAFFIC SIGNAL IMPROVEMENTS PROJECT

This AMENDMENT No.1 (hereinafter "AMENDMENT") to the Agreement between the City of Fairfield and Kimley-Horn & Associates, Inc., for the design services for the Netizel Road and Business Center Drive Traffic Signal Improvements Project, dated June 27, 2012, by and between the CITY OF FAIRFIELD, a municipal corporation (hereinafter "CITY"), and KIMLEY-HORN & ASSOCIATES, INC. (hereinafter "CONSULTANT").

WITNESSETH

WHEREAS, on June 27, 2012, the parties entered into an AGREEMENT for Consulting Services for the Netizel Road and Business Center Drive Traffic Signal Improvements (PROJECT), and

WHEREAS, CONSULTANT has agreed to modifications to the AGREEMENT to include additional work scope items.

NOW, THEREFORE, in consideration of the mutual promises, covenants and agreements herein set forth, the parties do hereby agree as follows:

1. Section 1, SERVICES of the AGREEMENT, shall be amended to include Exhibit "A1".
2. Section 2, PAYMENT of the AGREEMENT, shall be amended to include Exhibit "B1" and include the following:

The total contract price for services rendered by CONSULTANT shall be increased by twenty-three thousand one hundred thirty dollars (**\$23,130**) with a total contract maximum fee not to exceed forty-five thousand forty dollars (**\$45,040**).

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the 20th day of February, 2018.

CITY OF FAIRFIELD
A municipal corporation (CITY)



City Manager

CONSULTANT

By 

Kimley-Horn & Associates



November 9, 2017 (via email)

Ryan Panganiban, P.E.
Senior Civil Engineer
City of Fairfield | Public Works - Engineering
1000 Webster Street, 3rd Floor
Fairfield, CA 94533

RE: Fairfield Neitzel Road at Business Center Drive Traffic Signal Installation

Dear Mr. Panganiban:

Thank you for the opportunity to provide engineering services for reviewing and updating the Fairfield Neitzel Road at Business Center Drive Traffic Signal Plans, providing design services during bid and construction, and preparing record drawings. In addition, the City has requested an optional task to provide time of day morning, midday, and afternoon coordination timing plans between the intersections of Business Center Drive/ Neitzel Road, Business Center Drive/ Green Valley Road, and Green Valley Road/ I-80 WB on-ramp.

Attached please find our proposal for these additional services. If you have any questions, please do not hesitate to call me at (510) 350-0215.

Sincerely,
KIMLEY-HORN AND ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Elbert X Chang".

Elbert Chang, P.E.
Project Manager

SCOPE OF WORK

1. Review and Update Plans

Kimley-Horn will review the previously designed plans (2013) against City of Fairfield updated 2017 Standards, conduct new field observations of the current site, and re-request utility information. Kimley-Horn will note differences between the plan set and data collected. These differences are expected to be:

- Update engineering seal and date
- ADA curb ramp design
- Caltrans pole and foundation standards
- City traffic signal equipment standards
- Existing utility modifications (since 2013)

Based on these comparisons, Kimley-Horn will prepare revised 100% Plans, Technical Specifications, and Estimate to City for review. It is assumed that the City will coordinate with PG&E for electrical service for the signal.

Kimley-Horn will submit changes to City as .pdf checkpoint. Revised 100% PS&E documents will be made as changes to City-furnished electronic files. Comments are expected to be editorial in nature. It is assumed that City comments will not include any design changes or relocation of proposed traffic signal cabinet and poles.

Kimley-Horn will incorporate comment and plot mylar sheet for City signature within 1 week of receiving comments.

2. Bid Phase Services

Under this task, Kimley-Horn will assist the City in responding to contractor inquiries during project bid. No meetings are assumed in this task and Kimley-Horn will prepare up to one (1) Bid addenda.

3. Construction Phase Services

Under this task, Kimley-Horn will assist the City in review and approval of contractor submittals as required. We will respond to request for information from the City, Contractor, etc., regarding clarification of plans and/or specifications and assist in preparation of plan revisions and contract change orders (CCO) up to the allocated task budget. Up to three meetings are included in the project budget (pre-construction, site visit, as-needed).

4. Prepare Record Drawings

Kimley-Horn will prepare “Record Drawings” of the project plans from the City’s Inspector and the Contractor’s redline markups. Kimley-Horn will submit the “Record Drawings” to the City on reproducible mylars and provide the project drawings in AutoCAD format acceptable to the City.

5. Signal Coordination Plan (Optional)

This task provides for development and implementation support for time of day morning, midday, and afternoon coordination timing between the intersections of Business Center Drive/ Neitzel Road, Business Center Drive/ Green Valley Road, and Green Valley Road/ I-80 WB on-ramp. Data collection is not included in this scope of work. The City will provide the following items to Kimley-Horn:

- ADT counts on Green Valley Road and Neitzel Road.
- TMC counts for the three coordinated intersections
- Signal timing sheets for the three coordinated intersections

Kimley-Horn will develop a Synchro model of the three coordinated intersections based on field observations of intersection geometry and roadway configuration, and input the volume data provided by the City. Kimley-Horn will use this model to develop morning, midday, and afternoon coordination timing plans.

Kimley-Horn will review the signal timing sheets for the coordinated intersection for conformance to the latest CAMUTCD guidelines and markup recommended changes. Kimley-Horn will mark-up the timing sheets with new cycle, splits, and offsets used for the coordination plans.

Kimley-Horn will attend up to three coordination periods on the same day to observe traffic operations and provide fine-tuning support. Kimley-Horn will revise mark-ups for up to 1 time based on field observations and discussions with City.

SCHEDULE

Task	Description	Deadline
1	Field Investigation	1 week of NTP
	Submit Utility Request Letters	1 week of NTP
	Revised Bid PS&E – DRAFT	1 week after completion of data collection
	City Comments	2 weeks after receipt of DRAFT Plans
	Revised Bid PS&E – FINAL	1 week after receipt of City Comments
2	Bid Phase Services	TBD
3	Construction Phase Services	TBD
4	Record Drawings	1 week after receiving redlines
5	Signal Coordination Plan	TBD

PROPOSED FEE

Kimley-Horn will provide the services outlined in the scope of services on a **time-and-materials basis with a ceiling of \$23,130, including \$5,565 for optional Signal Coordination Plan**. The table below summarizes the budget per task and additional details are included in the attached spreadsheet. This fee includes labor cost and expenses incurred in performing these services. This information is provided as an estimate only, and Kimley-Horn reserves the right to adjust budgets between tasks while maintaining the total contract fee.

Task	Task	Budget
1	Review and Update Plans	\$7,430
2	Bid Phase Services	\$1,960
3	Construction Phase Services	\$5,980
4	Record Drawings	\$1,495
5	Signal Coordination Plan (Optional)	\$5,565
	Expenses	\$700
	Total	\$23,130

**City of Fairfield
Neitzel / Business Center Drive - Signal
Fee Estimate - 11/9/17**

Task		QC	PM	Staff Engineer	Analyst I	Admin	Total Hours	Total Costs
Task 1 - Review and Update Plans							49	\$7,430
Field Visit/ Data Collection/ Utility request			2	4	4	1	11	\$1,620
Update Project Plans		1	2	4	8	2	17	\$2,480
Update Project specs and estimate		1	2	4	2		9	\$1,480
Review City comments - FINAL PS&E		1	2	4	4	1	12	\$1,850
Task 2 - Bid Phase Services							13	\$1,960
Bid Support		1	2	4	4	2	13	\$1,960
Task 3 - Construction Phase Services							39	\$5,980
Meetings (up to 3)			6			3	9	\$1,500
Product Submittal Review and RFI Response		2	4	10	10	4	30	\$4,480
Task 4 - Record Drawing Preparation							11	\$1,495
As-builts			1	1	8	1	11	\$1,495
Task 5 - Signal Timing (Optional)							37	\$5,565
Develop Synchro model, coordinate data collection from City				2	6		8	\$1,080
Develop timing plans				1	2		3	\$410
Review timing sheets, mark-up changes		1	2	2			5	\$920
Observation and line-turning support		1	1	14	4	1	21	\$3,155
Total Hours		8	24	50	52	15	149	\$22,430
Billing Rate		\$230	\$195	\$150	\$130	\$110		
Labor Subtotal								\$22,430
KHA Expenses - Direct Expenses (1 Field Visit, 3 meetings, 5 sheets mylar) + Signal Timing Support								\$700
TOTAL								\$23,130



Kimley-Horn and Associates, Inc.

HOURLY RATE SCHEDULE

Effective July 1, 2017 through June 30, 2018

TECHNICAL SUPPORT	\$ 85.00 - \$110.00
SENIOR TECHNICAL SUPPORT	\$120.00 - \$180.00
SUPPORT STAFF	\$ 90.00 - \$110.00
ANALYST	\$115.00 - \$150.00
PROFESSIONAL	\$ 150.00 - \$220.00
SENIOR PROFESSIONAL	\$185.00 - \$325.00

Rates are adjusted on July 1 of each year to reflect market conditions

EXPENSES

DIRECT EXPENSE MARK-UP.....	10.00%
SUBCONSULTANT MARK-UP.....	10.00%
OFFICE EXPENSES.....	5%